Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

3.

Sheet 1 of

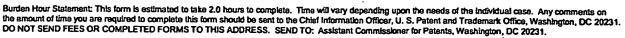
C mpl t if Known				
Application Number	09/599,806			
Filing Date	Jun 21, 2000			
First Named Inventor	Ruthfield			
Group Art Unit				
Examiner Name				
Attorney Docket Number	MS1-557US			

				U.S. PATENT DOC	JMENTS	
Examiner Initials	Cite No.1	Number	Cument Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear
AL		6,199,204		Donohue	03-06-2001	
٦		6,253,366		Mutschler, III	06-26-2001	חבסבייורם
		6,327,628		Anuff et al.	12-04-2001	RECEIVED
		6,381,743		Mutschler, III	04-30-2002	
		5,940,075		Mutschler, ill et al.	08-17-1999	MAY 0 8 2003
		6.151.624		Teare et al.	11-21-2000	
		6,353,926		Parthesarathy et al.	03-05-2002	Technology Center 21
		6.393.456		Ambler et al.	05-21-2002	3,
		6.408.311		Baisley et al.	06-18-2002	
		6,446,110		Lection et al.	09-03-2002	
		6,519,617		Wanderski et al.	02-11-2003	•
		5.864.819		De Armas et al.	01-26-1999	
		5.572.648		Bibayan	11-05-1996	•
		5,764,985		Smale	06-09-1998	•
		6,421,656		Cheng et al.	07-16-2002	
		6,349,408		Smith	02-19-2002	
		6.014.135		Femandes	01-11-2000	·
		6.078.327		Liman et al.	06-20-2000	
		5,911,776		Guck	06-15-1999	
ΔZ		6,286,033		Kishinsky et al.	09-04-2001	

			FOR	EIGN PATENT DOCUMENT	rs		
Examiner Initials	Cite No.1	Foreign Pate Office ³ Number	ent Document Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant	T5
#		0 961 197		EP	01-12-1999	Figures Appear	
					 		+
				•			
					 		+
							\Box
							H
							\square

	 · ·	
Examiner Signature .	Date Considered	105

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

_	L	
	Г	

MAY 0 6 2003

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

C mplet if Known				
Application Number	09/599,806			
Filing Date	Jun 21, 2000			
First Named Inventor	Ruthfield			
Group Art Unit				
Examiner Name				
Attorney Docket Number	MS1-557US			

ľ				U.S. PATENT DOCL	JMENTS	
Examiner Initials*	Cite No.1	U.S. Patent Docume Klind C Number (II kno	ode ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Floures Appear
A		6,031,989		Cordell	02-29-2000	
		6,266,810	\Box	Tanaka et al.	07-24-2001	
		6,374,402		Schmeidler	04-16-2002	RECEIVED
		5,922,072		Hutchinson et al.	07-13-1999	TIEVETY E-L
W	· ·	6,216,152	-	Wong et al.	04-10-2001	MAY 0 8 2003
	-					Technology Center 21 0
			4			
		<u> </u>	- -			
			寸			
			\dashv		<u> </u>	
			丰			
		 	-	·	 	
		<u> </u>	_	<u> </u>		

FOREIGN PATENT DOCUMENTS								
Examiner Cite			oreign Patent Do		Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	T :
	No.1	Office ³	Number ⁴	Kind Code ⁵ (# known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Je
			·					П
ĺ								T
								1
								†
								1
							-	
								1
								1
								1
								1

	 		1
Examiner Signature	Date Considered	.]	05

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next coopmunication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Please	type a	plus sig	jn (+)	inside	this box	\rightarrow	+

Ì	
	•

MAN O S ZOO S

Substitute for form 14498/PTO

NFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 3

C	omplet if Known	RECEI	YED
Application Number	09/599,806	TIEVEN	
Filing Date	Jun 21, 2000	MAY 0 8 2	กกว
First Named Inventor	Ruthfield		pos
Group Art Unit		T- shoology Cor	1 0100
Examiner Name		Technology Cer	iter 2100
Attorney Docket Number	MS1-557US		, ·

Examiner Initiate name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the term (book, magazine, journal, serial, sympostum, catalog, etc.), date, pages(s), volume-issue number(s), publisher, dity and/or country where published. W. BROGDEN, "Arbortext Adept 8 Editor Review," O'Reitly XML.COM, 'Online! 9/22/1999) XP002230080, retrieved from the Internet <url:http: 09="" 1999="" adept="" publa="" rww.htm="" www.xml.com="">, retrieved on 2/5/03. L ALSCHULER, "A tour of XMetal" O'Reitly XML.COM, 'Online! 7/14/1999, XP002230081, retrieved from the Internet: <url:http: a="" ip031102.html="" pub="" seyboldreport="" www.xml.com="">, retrieved on 2/5/03. A. DAVIDOW, "XML Editors: Allegations of Functionality in search of reality," INTERNET, 'Online! 1999, XP002230082, retrieved from the Internet, <url:http: www.ivritype.com="" xml=""></url:http:>. STEVEN A. BATTLE, et al., "Flexible Information Presentation with XML", 1998, The Institution of Electrical Engineers, 6 pages. PAOLO CIANCARINI, et al., "Managing Complex Documents Over the WWW: A Case Study for XML", IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 4, July/August 1999, pages 629-638. HIROTAKA KANEMOTO, et al., "An Efficiently Updatable Index Scheme for Structured Documents" 1998 IEEE, pages 991-996. TOMMIE USDIN, et al., "XML: Not a Silver Bullet, But a Great Pipe Wrench", Standardview Vol. 6, No. 3, September 1998, pages 125-132. SUPOJ SUTANTHAVIBUL, et al., "XFIG Version 3.2 Patchlevel 2(July 2, 1998) Users Manual (Edition 1.0)", INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the Internet: <url:http: online_docs="" www.ice.mtu.edu="" xfig332=""></url:http:> [retrieved on 2003-01-28]</url:http:></url:http:>	13
retrieved from the Internet <url:http: 09="" 1999="" a="" adept="" adeptrvw.htm="" pub="" www.xml.com="">, retrieved on 2/5/03. L ALSCHULER, "A tour of XMetal" O'Reilly XML.COM, 'Online! 7/14/1999, XP002230081, retrieved from the Internet: <url:http: a="" ip031102.html="" pub="" seyboldreport="" www.xml.com="">, retrieved on 2/5/03. A. DAVIDOW, "XML Editors: Allegations of Functionality in search of reality," INTERNET, 'Online! 1999, XP002230082, retrieved from the Internet, <url:http: www.ivritype.com="" xml=""></url:http:>. STEVEN A. BATTLE, et al., "Flexible Information Presentation with XML", 1998, The Institution of Electrical Engineers, 6 pages. PAOLO CIANCARINI, et al., "Managing Complex Documents Over the WWW: A Case Study for XML", IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 4, July/August 1999, pages 629-638. HIROTAKA KANEMOTO, et al., "An Efficiently Updatable Index Scheme for Structured Documents" 1998 IEEE, pages 991-996. TOMMIE USDIN, et al., "XML: Not a Silver Bullet, But a Great Pipe Wrench", Standardview Vol. 6, No. 3, September 1998, pages 125-132. SUPOJ SUTANTHAVIBUL, et al., "XFIG Version 3.2 Patchlevel 2(July 2, 1998) Users Manual (Edition 1.0)", INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the</url:http:></url:http:>	"
from the Internet: <url:http: a="" ip031102.html="" pub="" seyboldreport="" www.xml.com="">, retrieved on 2/5/03. A. DAVIDOW, "XML Editors: Allegations of Functionality in search of reality," INTERNET, 'Online! 1999, XP002230082, retrieved from the Internet, <url:http: www.ivritype.com="" xml=""></url:http:>. STEVEN A. BATTLE, et al., "Flexible Information Presentation with XML", 1998, The Institution of Electrical Engineers, 6 pages. PAOLO CIANCARINI, et al., "Managing Complex Documents Over the WWW: A Case Study for XML", IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 4, July/August 1999, pages 629-638. HIROTAKA KANEMOTO, et al., "An Efficiently Updatable Index Scheme for Structured Documents" 1998 IEEE, pages 991-996. TOMMIE USDIN, et al., "XML: Not a Silver Bullet, But a Great Pipe Wrench", Standardview Vol. 6, No. 3, September 1998, pages 125-132. SUPOJ SUTANTHAVIBUL, et al., "XFIG Version 3.2 Patchlevel 2(July 2, 1998) Users Manual (Edition 1.0)", INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the</url:http:>	
1999, XP002230082, retrieved from the Internet, <url:http: www.ivritype.com="" xmt=""></url:http:> . STEVEN A. BATTLE, et al., "Flexible Information Presentation with XML", 1998, The Institution of Electrical Engineers, 6 pages. PAOLO CIANCARINI, et al., "Managing Complex Documents Over the WWW: A Case Study for XML", IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 4, July/August 1999, pages 629-638. HIROTAKA KANEMOTO, et al., "An Efficiently Updatable Index Scheme for Structured Documents" 1998 IEEE, pages 991-996. TOMMIE USDIN, et al., "XML: Not a Silver Bullet, But a Great Pipe Wrench", Standardview Vol. 6, No. 3, September 1998, pages 125-132. SUPOJ SUTANTHAVIBUL, et al., "XFIG Version 3.2 Patchlevel 2(July 2, 1998) Users Manual (Edition 1.0)", INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the	
Electrical Engineers, 6 pages. PAOLO CIANCARINI, et al., "Managing Complex Documents Over the WWW: A Case Study for XML", IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 4, July/August 1999, pages 629-638. HIROTAKA KANEMOTO, et al., "An Efficiently Updatable Index Scheme for Structured Documents" 1998 IEEE, pages 991-996. TOMMIE USDIN, et al., "XML: Not a Silver Bullet, But a Great Pipe Wrench", Standardview Vol. 6, No. 3, September 1998, pages 125-132. SUPOJ SUTANTHAVIBUL, et al., "XFIG Version 3.2 Patchlevel 2(July 2, 1998) Users Manual (Edition 1.0)", INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the	
XML*, IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 4, July/August 1999, pages 629-638. HIROTAKA KANEMOTO, et al., "An Efficiently Updatable Index Scheme for Structured Documents" 1998 IEEE, pages 991-996. TOMMIE USDIN, et al., "XML: Not a Silver Bullet, But a Great Pipe Wrench*, Standardview Vol. 6, No. 3, September 1998, pages 125-132. SUPOJ SUTANTHAVIBUL, et al., "XFIG Version 3.2 Patchlevel 2(July 2, 1998) Users Manual (Edition 1.0)*, INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the	
TOMMIE USDIN, et al., "XML: Not a Silver Bullet, But a Great Pipe Wrench", Standardview Vol. 6, No. 3, September 1998, pages 125-132. SUPOJ SUTANTHAVIBUL, et al., "XFIG Version 3.2 Patchlevel 2(July 2, 1998) Users Manual (Edition 1.0)", INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the	
No. 3, September 1998, pages 125-132. SUPOJ SUTANTHAVIBUL, et al., "XFIG Version 3.2 Patchlevel 2(July 2, 1998) Users Manual (Edition 1.0)", INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the	
\ [(Edition 1.0)", INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the	
"Architecture for a Dynamic Information Area Control", IBM Technical Disclosure Bulletin, IBM Corp. New York, US, Vol. 37, No. 10, 1/10/1994, pp. 245-246.	
IRENE AU & SHUANG LI, "Netscape Communicator's Collapsible Toolbars," CHI '98, Human Factors in Computing Systems, Conference Proceedings, Los Angeles, CA, 4/18-23/1998, pp. 81-86.	

	 //	
Examiner Signatur	Date Consid	ered 05

*EXAMINER: Initial if reference considered, whether or not distill is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Petent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

O Regretope a plus sign (+) inside this box	+
· '%\	_

Т

NCY 0 6 2003

bstitute for form 1449A/PTO

ÍNFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complet If Known			
Application Number	09/599,806		
Filing Date	Jun 21, 2000		
First Named Inventor	Banks		
Group Art Unit	2174		
Examiner Name	SAX, STEVEN PAUL		
Attorney Docket Number	MS1-557US		

				U.S. PATENT DOC	JMENTS	
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Resease of Report ED
Mr	-	6,052,710		Saliba et al.	04-18-2000	
		6,611,822 B1		Beams et al.	08-26-2003	NOV 1 0 2003
		6,347,323 B1		Garber et al.	02-12-2002	Toobasia Cartar 0400
		6,308,179 B1		Petersen et al.	10-23-2001	Technology Center 2100
		6,460,058 B2	!	Koppolu et al.	10-01-2002	
		6.606.606 B2		Starr	08-12-2003	
,						-
	-				<u> </u>	
				77		
-						·
					 	
						
			\dashv			
						
					<u> </u>	

L	FOREIGN PATENT DOCUMENTS								
Examiner Cite Initials No.1	Cito		oreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	T	
	Office ³	Number ⁴	Kind Code ⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T®		
		<u>L</u> . l					<u> </u>	T	
		L. I					· · · · · · · · · · · · · · · · · · ·		
								+	
					,			\top	
				\longrightarrow					
└									
		igwdown			•				
		igspace							
ليبا									

Examiner	Date			
Cianatura		1 1	اما	
Signature	Considered	.1/	0 3	

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OIP	E
NOV 0 6	Please vpe a plus sign (+) inside this box → +

Sheet

	Γ

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

2

Application Number 09/599,806

Filing Date Jun 21, 2000 NOV 1 0 2003

First Named Inventor Banks

Group Art Unit 2174 Technology Center 2100

Examiner Name SAX, STEVEN PAUL

Attorney Docket Number MS1-557US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
Jl∼		DAYTON, et al.; Photo Shop 5/5.5 WOW! Book, 11/9/99; Peachpit Press, pp. 8-17			
- 0					
		·			
		-			
Examiner Signature		Date Considered 1 0 5			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box \Rightarrow	+

+

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

1	of	

Complete If Known						
Application Number	09/599,806					
Filing Date	Jun 21, 2000					
First Named Inventor	Banks					
Group Art Unit	2174					
Examiner Name	SAX, STEVEN PAUL					
Attorney Docket Number	MS1-557US					

				U.S. PATENT DOCU	JMENTS	
Examiner Initials	Cite No.1	U.S. Patent Docum Number Kind (Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
\mathcal{K}		6,195,661		Filepp et al.	02-27-2001	
		6,502,103		Frey et al.	12-31-2002	
		2002/0026461		Kutay et al.	02-28-2002	
		2002/0057297		Grimes et al.	05-16-2002	RECEIVED
		6,442,755		Lemmons et al.	08-27-2002	HEOCIVED
		2002/0174147		Wang et al.	11-21-2002	ADD A Lorent
		2003/0120659		Sridhar	06-26-2003	APR 1 4 2004
Ч/		6,668,369		Krebs et al.	12-23-2003	
7	_			_		Technology Center 210
		1				

		-		FORE	GN PATENT DOCUMENT	rs		
Examiner		F	oreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	\Box
Initials	Cite No.1	Office ³	Number ⁴	Kind Code ⁶ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Τœ
			<u>.</u>					
		.						
		╁╌╅				<u> </u>		\downarrow
						ļ		↓_
		 						—
		 			·		·	+
ليسبسيا		<u> </u>				<u> </u>		

Examiner Signature	Date Considered	05

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁰ Applicant is to place a check mark here if English tanguage Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please	type a	plus	sign (+)	Inside	this box	->	+

\top	
1	

OIPE

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Co	ompl t if Known		
Application Number	09/599,806	RECEIV	/ED
Filing Date	Jun 21, 2000		
First Named Inventor	Banks	APR 14	2004
Group Art Unit	2174		,
Examiner Name	SAX, STEVEN PA	Hechnology Cor	ter 2100
Attorney Docket Number	MS1-557US		161 2100

		NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
K	CLARK, James, Ed.; "XSL Transformation (XSLT) Version 1.0", November 16, 1999, W3C (MIT, INRIA, Keio), pp. 1-156. CLARK, James and Steve Derose, "XML Path Language (XPath) Version 1.0", November 16, 1999, W3C (MIT, INRIA, Keio), pp. 1-49.							
		MUSGRAVE, S., "Networking technology - impact and opportunities," Survey and Statistical Computing 1996. Proceedings of the Second ASC International Conference. September 1996. pp. 369-78. London, UK.						
		RAPAPORT, L., "Get more from SharePoint," Transform Magazine, vol. 11, no. 3, March 2002, pp. 13, 15.						
		MCCRIGHT, J.S., "New Tool Kit to Link Groove with Microsoft SharePoint", eWeek, Enterprise News & Reviews, Ziff Davis Media Inc., July 29, 2002, 1 page.						
Provisional Application No. 60/209,713, filed 06-05-2000.								
		·						
			_					
			_					
Examiner Signature		Date Considered //						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here If English language Translation is attached.



ase	type	а	olus	sian	(+)	inside	this	box	→	Γ.
٧,,	·1bo	۰	bras	3.3.1	1.1				- 1	1

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Complete if Known					
Application Number	09/599,806				
Filing Date	Jun 21, 2000				
First Named Inventor	Banks				
Group Art Unit	2174				
Examiner Name	SAX, STEVEN PAUL				
Attorney Docket Number	MS1-557US				

	U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.1	U.S. Patent Document Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear			
		6081610	Dwork, et al.	06/27/2000				
		6094657	Hailpern, et al.	07/25/2000				
		6108783	Krawczyk, et al.	08/22/2000				
		6711679	Guski, et al.	03/23/2004				
		6253374	Dresevic, et al.	06/26/2001				
		6263313	Milsted, et al.	07/17/2001				
		6275227	DeStefano	08/14/2001				
		6275599	Adler, et al.	08/14/2001				
		6292897	Gennaro, et al.	09/18/2001				
		6311271	Gennaro, et al.	10/30/2001				
		6345256	Milsted et al.	02/05/2002				
		RE38070	Spies et al.	04/08/2003				
		6609200	Anderson et al.	08/19/2003				
		6701434	Rohatgi	03/02/2004				
		6578144	Gennaro, et al.	06/10/2003				
	·	6643684	Malkin, et al.	11/04/2003				
		6697944	Jones, et al.	02/24/2004				
		6691230	Bardon	02/10/2004				
$\Box \Box$		6546546	Van Doorn	04/08/2003				
\square		6505300	Chan, et al.	01/07/2003				

				FORE	IGN PATENT DOCUMENT	rs		
Examiner	Cite	F	oreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	T
Initials*	No.1	Office ³	Number ⁴	Kind Code ^s (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T6
		 -				 		
								
 			·					
							-	<u> </u>
		- -				ļ		↓_
		 		- -				—
		 			· · · · · · · · · · · · · · · · · · ·			╂
			_					╀
						 		╂╼╌

			_ {
Examiner Signature	M	Date Considered	05

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ase	type	a plus	sign	(+)	inside	this	box	→	Γ.
	U F -			٠,					

+

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Complete if Known							
Application Number	09/599,806						
Filing Date	Jun 21, 2000						
First Named Inventor	Banks						
Group Art Unit	2174						
Examiner Name	SAX, STEVEN PAUL						
Attomey Docket Number	MS1-557US	J					

					U.S. PATENT DOCU	JMENTS	
Exa Initia	miner als	Cite No.1	U.S. Patent	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			6473800		Jerger, et al	10/29/2002	
	1		6366912		Wallent, et al.	04/02/2002	
匚			6345361		Jerger, et al.	02/05/2002	
L			6321334		Jerger, et al.	11/20/2001	
\Box	/		6167521		Smith, et al.	12/26/2000	
L							
L							
<u> </u>							
<u>L</u> .	_				-		
<u>_</u>							
_							
	_						
_	_						
<u> </u>							
<u> </u>	_						
L							

				FORE	IGN PATENT DOCUMENT	rs		
xaminer	Cite	<u> </u>	Foreign Patent Do		Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	Т
nitials'	No.1	Office ³	Number ⁴	Kind Code ⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	7
		\vdash						\perp
		├ ├	 			ļ		\downarrow
		 			· · · · · · · · · · · · · · · · · · ·	 		╀
								Ť
		\vdash						I
		 						╀
		 	·					╁
								十
							1	_
Exami	ner				1/10	ate .		_
Signate	ure			<u>/</u>	// lo	onsidered	05	

^{*}EXAMINER: Initial if reference considered, whether or noticitation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English tanguage Translation is attached.



٠.								- 1	_
ease t	уре а	plus	sign	(+)	inside	this	pox	→	



Substitute for form 1449B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known							
Application Number	09/599,806						
Filing Date	Jun 21, 2000						
First Named Inventor	Banks						
Group Art Unit	2174						
Examiner Name	SAX, STEVEN PAUL						
Attomey Docket Number	MS1-557US						

Examiner Cite Include name of the author (in CAPITAL LETTERS), tills of the article (when appropriate), tilts of the item (book, magazine, journal, serial, sympositum, callad, etc.), date, pace(sci.), volume-base number(s), publisher, city and/or country where published. NOORE A.; "A secure conditional access system using digital signature and encryption" 2003 Digest of Technical Papers, International Conference on Consumer Electronics June 2003 pp. 220-221. KOMATSU N. et al.; "A proposal on digital watermark in document image communication and its application to realizing a signature" Electronics and Communications in Japan SUN Q. et al.; "A robust and secure media signature scheme for JPEG images" Proceedings of 2002 IEEE Workshop on Multimedia Signal Processing December 2002 pp. 296-299. Whitehill; "Whitehill Composer" Whitehill Technologies Inc. 2 pages. Pacheco et al.; "Delphi 5 Developer's Guide" Sams Publishing 1999 Chapter 31 Section: Data Streaming 6 pages. CLARKE; "From small beginnings"; Knowledge Management, November 2001; www.bl.uk; 2 pages. HWANG, et al; "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection"; IEEE International Symposium on Network Computing and Applications; 2001; pp. 68-79. SCHMID, et al; "Protecting Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208. KAIYA, et al; "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution; 2000; pp. 138-142. PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops; 2002; pp. 777-782.		NON PATENT LITERATURE DOCUMENTS						
encryption" 2003 Digest of Technical Papers. International Conference on Consumer Electronics June 2003 pp. 220-221. KOMATSU N. et al.; "A proposal on digital watermark in document image communication and its application to realizing a signature" Electronics and Communications in Japan SUN Q. et al.; "A robust and secure media signature scheme for JPEG images" Proceedings of 2002 IEEE Workshop on Multimedia Signal Processing December 2002 pp. 296-299. Whitehill; "Whitehill Composer" Whitehill Technologies Inc. 2 pages. Pacheco et al.; "Delphi 5 Developer's Guide" Sams Publishing 1999 Chapter 31 Section: Data Streaming 6 pages. CLARKE; "From small beginnings"; Knowledge Management, November 2001; www.bl.uk; 2 pages. HWANG, et al; "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection"; IEEE International Symposium on Network Computing and Applications; 2001; pp. 68-79. SCHMID, et al; "Protecting Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208. KAIYA, et al; "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution; 2000; pp. 138-142. PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126. TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:		item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
communication and its application to realizing a signature" Electronics and Communications in Japan SUN Q. et al.; "A robust and secure media signature scheme for JPEG images" Proceedings of 2002 IEEE Workshop on Multimedia Signal Processing December 2002 pp. 296-299. Whitehill; "Whitehill Composer" Whitehill Technologies Inc. 2 pages. Pacheco et al.; "Delphi 5 Developer's Guide" Sams Publishing 1999 Chapter 31 Section: Data Streaming 6 pages. CLARKE; "From small beginnings"; Knowledge Management, November 2001; www.bl.uk; 2 pages. HWANG, et al; "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection"; IEEE International Symposium on Network Computing and Applications; 2001; pp. 68-79. SCHMID, et al; "Protecting Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208. KAIYA, et al; "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution; 2000; pp. 138-142. PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126.	J.	encryption" 2003 Digest of Technical Papers. International Conference on Consumer Electronics						
Proceedings of 2002 IEEE Workshop on Multimedia Signal Processing December 2002 pp. 296-299. Whitehill; "Whitehill Composer" Whitehill Technologies Inc. 2 pages. Pacheco et al.; "Delphi 5 Developer's Guide" Sams Publishing 1999 Chapter 31 Section: Data Streaming 6 pages. CLARKE; "From small beginnings"; Knowledge Management, November 2001; www.bl.uk; 2 pages. HWANG, et al; "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection"; IEEE International Symposium on Network Computing and Applications; 2001; pp. 68-79. SCHMID, et al; "Protecting Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208. KAIYA, et al; "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution; 2000; pp. 138-142. PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126. TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:		communication and its application to realizing a signature" Electronics and Communications in						
Pacheco et al.; "Delphi 5 Developer's Guide" Sams Publishing 1999 Chapter 31 Section: Data Streaming 6 pages. CLARKE; "From small beginnings"; Knowledge Management, November 2001; www.bl.uk; 2 pages. HWANG, et al; "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection"; IEEE International Symposium on Network Computing and Applications; 2001; pp. 68-79. SCHMID, et al; "Protecting Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208. KAIYA, et al; "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution; 2000; pp. 138-142. PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126. TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:		Proceedings of 2002 IEEE Workshop on Multimedia Signal Processing December 2002 pp.						
Section: Data Streaming 6 pages. CLARKE; "From small beginnings"; Knowledge Management, November 2001; www.bl.uk; 2 pages. HWANG, et al; "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection"; IEEE International Symposium on Network Computing and Applications; 2001; pp. 68-79. SCHMID, et al; "Protecting Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208. KAIYA, et al; "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution; 2000; pp. 138-142. PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126. TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:		Whitehill; "Whitehill Composer" Whitehill Technologies Inc. 2 pages.						
HWANG, et al; "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection"; IEEE International Symposium on Network Computing and Applications; 2001; pp. 68-79. SCHMID, et al; "Protecting Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208. KAIYA, et al; "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution; 2000; pp. 138-142. PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126. TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:		Pacheco et al.; "Delphi 5 Developer's Guide" Sams Publishing 1999 Chapter 31 Section: Data Streaming 6 pages.						
SCHMID, et al; "Protecting Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208. KAIYA, et al; "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution; 2000; pp. 138-142. PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126. TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:		CLARKE; "From small beginnings"; Knowledge Management, November 2001; www.bl.uk; 2 pages.						
Applications Conference; 2002; pp. 199-208. KAIYA, et al; "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution; 2000; pp. 138-142. PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126. TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:		HWANG, et al; "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection"; IEEE International Symposium on Network Computing and Applications; 2001; pp. 68-79.						
Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution; 2000; pp. 138-142. PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126. TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:		SCHMID, et al; "Protecting Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208.						
TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:		Under the Sandbox Model"; International Symposium on Principles of Softwre Evolution: 2000; pp.						
Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:		PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126.						
	V	Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops:						

			1	
Examiner Signature	Date Considered	1	05	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.